

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Currently Amended) An automotive vehicle roof system comprising:

a header;

a pair of side rails extending from the header;

a storage compartment;

a ~~deck-lid~~ cover selectively covering the storage compartment;

a first roof panel movably coupled to the pair of side rails, the first roof panel being slidable from a closed and functional position adjacent the header to an opened position located in the storage compartment;

a back window movably coupled to the pair of side rails, the back window being movable from a closed and functional position to an opened position located in the storage compartment; and

a generally continuous seal extending along the header, one of the pair of side rails, adjacent to the ~~deck-lid~~ cover, and the other of the pair of side rails.

2. (Original) The automotive vehicle roof system according to Claim 1, further comprising:

a second roof panel movably coupled to the pair of side rails, the second roof panel being substantially rigid, separate from the first roof panel, and slidable from a

closed position located between the first roof panel and the back window to an opened position located in the storage compartment; and

a seal member disposed between the first roof panel and the second roof panel for sealingly engaging the first roof panel and the second roof panel, the seal member having an integrally formed drain trough.

3. (Original) The automotive vehicle roof system according to Claim 1 wherein the generally continuous seal is substantially uniform in cross-section.

4. (Original) The automotive vehicle roof system according to Claim 1 wherein the generally continuous seal includes a double-bulb cross-section and integrally formed drain trough.

5. (Original) The automotive vehicle roof system according to Claim 1, further comprising:

at least one corner piece coupled at a corner of said generally continuous seal.

6. (Original) The automotive vehicle roof system according to Claim 5 wherein said at least one corner piece is a drain pocket.

7. (Currently Amended) An automotive vehicle roof system comprising:

a header;

a pair of side rails extending from the header;

a storage compartment;

a ~~deck lid~~ covering member selectively covering the storage compartment;

a roof panel movably coupled to the pair of side rails, the ~~first~~ roof panel being slidable from a closed and functional position adjacent the header to an opened position located in the storage compartment;

a back window movably coupled to the pair of side rails, the back window being movable from a closed and functional position to an opened position located in the storage compartment; and

a double-bulb seal extending along the header and the pair of side rails.

8. (Original) The automotive vehicle roof system according to Claim 7 wherein the double-bulb seal includes an integrally formed drain trough.

9. (Cancelled)

10. (Cancelled)

11. (Currently Amended) An automotive vehicle roof system comprising:

a header;

a pair of side rails extending from the header;

a roof storage compartment;

a tonneau cover selectively covering the roof storage compartment;

a first roof panel movably coupled to the pair of side rails, the first roof panel being slidable from a closed and functional position adjacent to the header to an open position located in the roof storage compartment;

a second roof panel movably coupled to a pair of side rails, the second roof panel being movable from a closed and functional position to an open position located in the roof storage compartment; and

a generally contiguous seal extending along the header, one of the pair of side rails, substantially below the tonneau cover, and the other of the pair of side rails.

12. (Previously Presented) The automotive vehicle roof system according to Claim 11, further comprising a seal member disposed between the first roof panel and the second roof panel for sealingly engaging the first roof panel and the second roof panel, the seal having an integrally formed drain trough.

13. (Previously Presented) The automotive vehicle roof system according to Claim 11, wherein the generally contiguous seal includes a double-bulb cross-section integrally formed drain trough.

14. (Previously Presented) The automotive vehicle roof system according to Claim 11, wherein the seal includes at least one drain pocket.

15. (Previously Presented) The automotive vehicle roof system according to Claim 11, further comprising a back window movably coupled to the pair of side rails,

the back window being movable from a closed and functional position to an open position located in the roof storage compartment.

16. (Currently Amended) An automotive vehicle roof system comprising:

a header;

a pair of side rails extending from the header;

a storage compartment;

a ~~deck lid~~ cover selectively covering the storage compartment;

a first roof panel movably coupled to the pair of side rails, the first roof panel being slidable from a closed and functional position adjacent the header to an open position located in the storage compartment;

a second roof panel movably coupled to a pair of side rails, the second roof panel being movable from a closed and functional position to an open position located in the storage compartment; and

a double bulb seal extending along and fastened to the header, the first of the pair of side rails, ~~the deck lid~~ adjacent to the cover, and the other of the pair of side rails, wherein the seal extends below the roof line.

17. (Previously Presented) The automotive vehicle roof system according to Claim 16, further comprising a seal member disposed between the first roof panel and the second roof panel for sealingly engaging the first roof panel and the second roof panel, the seal having an integrally formed drain trough.

18. (Previously Presented) The automotive vehicle roof system according to Claim 16, wherein the generally contiguous seal includes a double-bulb cross-section integrally formed drain trough.

19. (Previously Presented) The automotive vehicle roof system according to Claim 16, wherein the seal includes at least one drain pocket.

20. (Previously Presented) The automotive vehicle roof system according to Claim 16, further comprising a back window movably coupled to the pair of side rails, the back window being movable from a closed and functional position to an open position located in the roof storage compartment.

21. (Currently Amended) An automotive vehicle roof system comprising:
a header;
a pair of side rail[[s]] extending from the header;
a storage compartment;
a ~~deck~~ cover selectively covering the storage compartment;
a generally contiguous seal ~~extending over~~ being elongated along at least three different directions adjacent to elongated directions of planes along the header, the pair of side rail[[s]], and the ~~deck lid~~ cover.

22. (Currently Amended) [[An]] The automotive vehicle roof system according to Claim 21, further comprising a first roof panel movably coupled to a pair of side rails,

the first roof panel being slidable from a closed and functional position adjacent the header to an open position located in the storage compartment.

23. (Currently Amended) ~~[[An]]~~ The automotive vehicle roof system according to Claim 22, further comprising:

a second roof panel movably coupled to a pair of side rails, the second roof panel being slidable from a closed and functional position adjacent the first roof panel ~~so that~~ to open position located in the storage compartment.

24. (Currently Amended) ~~[[An]]~~ The automotive vehicle roof system according to Claim 23, further comprising a back window movably coupled to the pair of side rails, the back window being movable from a closed and functional position to an open position located in the storage compartment.

25. (Currently Amended) ~~[[An]]~~ The automotive vehicle roof system according to Claim 21, wherein the generally contiguous seal includes a double bulb cross section and an integrally formed drain trough.

26. (New) The automotive vehicle roof system according to Claim 1, wherein the cover is a rigid tonneau cover.

27. (New) The automotive vehicle roof system according to Claim 1, wherein the cover is moveable from a substantially horizontal closed position to a substantially horizontal open position.

28. (New) The automotive vehicle roof system according to Claim 1, wherein the seal has a substantially U-cross sectional shape with upstanding legs defining a water receiving trough between the legs.

29. (New) The automotive vehicle roof system according to Claim 7, wherein the cover is a rigid tonneau cover.

30. (New) The automotive vehicle roof system according to Claim 7, wherein the cover is moveable from a substantially horizontal closed position to a substantially horizontal open position.

31. (New) The automotive vehicle roof system according to Claim 7, wherein the seal has a substantially U-cross sectional shape with upstanding legs defining a water receiving trough between the legs.

32. (New) The automotive vehicle roof system according to Claim 1, wherein the roof panel is rigid.

33. (New) The automotive vehicle roof system according to Claim 21, wherein the cover is a rigid tonneau cover.

34. (New) The automotive vehicle roof system according to Claim 21, wherein the cover is moveable from a substantially horizontal closed position to a substantially horizontal open position.

35. (New) The automotive vehicle roof system according to Claim 21, wherein the seal has a substantially U-cross sectional shape with upstanding legs defining a water receiving trough between the legs.